

Based Upon: PCT/EP2004/000014

## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A busbar system, having a mounting unit (2) for receiving ~~several~~ busbars (4), and at least one ~~connecting~~ or device adapter (1)[[.]] which has a receiving bridge (1.1) for receiving one of terminals [[or]] and devices (8), and is embodied for [[the]] electrical connection ~~of the same~~ with the busbars, wherein the mounting unit (2)[[.]] embodied in cross section as a shallow U-shaped trough with a base section (2.1)[[.]] has holding segments (2.21, 2.31) along lateral longitudinal edge sections (2.2, 2.3), which extend parallel with each other, and ~~that on~~ [[its]] two oppositely located end sections the at least one adapter (1) is ~~provided with~~ has a first and a second fastening section (1.2, 1.3), ~~which are~~ matched to the edge sections (2.2, 2.3) to which they are assignable ~~or can be assigned~~, and are ~~provided with~~ have holding elements (1.21, 1.31)[[.]] which work together with the holding segments (2.21, 2.31) for fixing the adapter (1) in place, the busbar system comprising:

~~characterized in that~~

for fixing the busbars (4) in place in the mounting unit (2)[[.]] electrically insulating busbar holders (3) are arranged transversely [[in]] with respect to the ~~latter~~ busbars (4) in [[the]] a trough, ~~wherein and~~ the busbars (4) [[are]] seated on [[the]] a top of the busbar holder (3) facing away from the base section (2.1) in a

Based Upon: PCT/EP2004/000014

lower part (3.1) of the holder, and are fixed in place by ~~means~~ one of a screwed ~~[[or]]~~  
top and a snapped on top (3.2).

2. (Currently Amended) The busbar system in accordance with claim 1, wherein ~~characterized in that~~ the edge sections (2.2, 2.3) have strips~~[[,]]~~ which protrude from a mounting plane and on whose protruding end sections the holding segments (2.21, 2.31) ~~have been~~ are formed.

3. (Currently Amended) The busbar system in accordance with claim ~~[[3]]~~ 2, wherein ~~characterized in that~~ the holding segments (2.21, 2.31) are ~~embodied as at least one of~~ laterally outwardly angled holding structures ~~and/or~~ and have rows of fastening receivers (2.22).

4. (Currently Amended) The busbar system in accordance with ~~one of the preceding claims, characterized in that~~ claim 3, wherein the lateral edge sections (2.2, 2.3) ~~have been formed and~~ are one of angled off; ~~or have been~~ and attached as separate angular profiled sections~~[[,]]~~ to the base section.

Based Upon: PCT/EP2004/000014

5. (Currently Amended) The busbar system in accordance with ~~one of the preceding claims, characterized in that~~ claim 4, wherein a first ~~[[one]]~~ of the holding elements (1.11) is embodied as a hook element~~[[,]]~~ which can be adjusted against an opposing spring force for releasing the adapter (1), and a second ~~[[one]]~~ of the holding elements (1.21) is embodied as a hook element, which is fixedly connected with the associate fastening section (1.3).

6. (Currently Amended) The busbar system in accordance with ~~one of the preceding claims, characterized in that several~~ claim 5, wherein a plurality of contact elements (1.4)~~[[,]]~~ which extend in ~~[[the]]~~ a longitudinal direction of the adapter (1)~~[[,]]~~ are seated in ~~[[the]]~~ an underside of the insulating receiving bridge (1.1) which faces the mounting unit (2)~~[[,]]~~ by ~~means of~~ which an electrical contact with the associated busbars (4) is provided ~~on the one hand and, on the other hand,~~ a connection with a connection section (1.6), ~~which has been~~ is formed in at least one end section of the adapter (1), ~~is made.~~

7. (Currently Amended) The busbar system in accordance with claim 6, wherein ~~characterized in that~~ the contact elements (1.4) are ~~embodied to be at least one of~~ springy ~~and/or are~~ and charged with a spring force ~~in such a way so~~ that a contact pressure is created with a contact section of the contact elements

Based Upon: PCT/EP2004/000014

(1.4) on ~~[[the]]~~ an outside of the associated busbars (4) facing away from the mounting unit (2).

8. (Currently Amended) The busbar system in accordance with ~~one of the preceding claims, characterized in that~~ claim 7, wherein a coupling means device (6, 7) for attaching devices (8) to be received ~~are provided~~ is on the top of the receiving bridge (1.1) facing away from the mounting unit (2), which can be electrically connected by ~~means of~~ connecting lines (5) via connecting receivers (1.7) in the top of the end section of the adapter (8).

9. (Currently Amended) ~~The A connecting or device adapter for use with a~~ busbar system in accordance with claim 1, for use with the device adapter (1) having a receiving bridge (1.1) ~~on whose~~ with a top facing away from the busbar (4) to be contacted devices (8) to be electrically connected with the busbars (4) can be arranged, and on ~~whose~~ an underside contact elements (1.4) for providing an electrical contact with associated busbars (4) are arranged, wherein characterized in that a first and a second fastening section (1.2, 1.3), ~~which~~ are provided with holding elements (1.21, 1.23) for securing the adapter (1) on a mounting unit (2) outside of ~~[[the]]~~ an area of contact sections of the contact elements (1.4), and are embodied on the underside of the two narrow end elements of the adapter (1).

Based Upon: PCT/EP2004/000014

10. (Currently Amended) The adapter in accordance with claim 9, wherein ~~characterized in that~~ the holding elements (1.21, 1.31) are embodied ~~as~~ hook elements, and at least one of the hook elements ~~which~~ is adjustably seated.

11. (New) The busbar system in accordance with claim 1, wherein the lateral edge sections (2.2, 2.3) are one of angled off and attached as separate angular profiled sections to the base section.

12. (New) The busbar system in accordance with claim 1, wherein a first of the holding elements (1.11) is embodied as a hook element which can be adjusted against an opposing spring force for releasing the adapter (1), and a second of the holding elements (1.21) is embodied as a hook element, which is fixedly connected with the associate fastening section (1.3).

13. (New) The busbar system in accordance with claim 1, wherein a plurality of contact elements (1.4) which extend in a longitudinal direction of the adapter (1) are seated in an underside of the insulating receiving bridge (1.1) which faces the mounting unit (2) by which an electrical contact with the associated busbars (4) is provided and a connection with a connection section (1.6) is formed in at least one end section of the adapter (1).

Based Upon: PCT/EP2004/000014

14. (New) The busbar system in accordance with claim 1, wherein the contact elements (1.4) are at least one of springy and charged with a spring force so that a contact pressure is created with a contact section of the contact elements (1.4) on an outside of the associated busbars (4) facing away from the mounting unit (2).

15. (New) The busbar system in accordance with claim 1, wherein a coupling device (6, 7) for attaching devices (8) to be received is on the top of the receiving bridge (1.1) facing away from the mounting unit (2), which can be electrically connected by connecting lines (5) via connecting receivers (1.7) in the top of the end section of the adapter (8).